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|---|-----------------|--|-----------------|------------------------------------|----------|-------------------------------|
| <b>FORM PTO-1449</b><br>US DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE  |                 | Any. Docket No.<br><b>82817HEC</b><br>Customer No. 01333 |                 | Serial No.<br><b>US 09/918,584</b> |          |                               |
| If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee<br><br>LIST OF ART CITED BY APPLICANT<br><i>(Use several sheets if necessary)</i>                                 |                 | Applicant:<br><b>Jin-Shan Wang, et al</b>                |                 |                                    |          |                               |
|   |                 | Filing Date<br><b>31 July 2001</b>                       |                 | Group                              |          |                               |
| <b>U.S. PATENT DOCUMENTS</b>  |                 |  |                 |                                    |          |                               |
| Examiner<br>Initial*  | DOCUMENT NUMBER | DATE   | NAME            | CLASS                              | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|   | 4,644,708       | 2/24/87  | Baudot et al.   |                                    |          |                               |
|   | 5,098,475       | 3/24/92  | Winnik et al.   |                                    |          |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>   |                 |  |                 |                                    |          |                               |
| Examiner<br>Initial*  | DOCUMENT NUMBER | DATE   | COUNTRY         | CLASS                              | SUBCLASS | TRANSLATION<br>YES   NO       |
| <b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |                 |  |                 |                                    |          |                               |
| EXAMINER  |                 |  | DATE CONSIDERED |                                    |          |                               |
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|--|-----------------|------------|---|------------------------|----------|---------------------------------|--|
| <b>FORM PTO-1449</b> <b>US DEPARTMENT OF COMMERCE</b><br><b>PATENT AND TRADEMARK OFFICE</b>  |                 |            | Atty. Docket No.<br><b>82817KNM</b><br>Customer No. 01333 |                        |          | Serial No.<br><b>09/918,584</b> |  |
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|  |                 |            | Filing Date<br><b>31 July 2001</b>                        |                        |          | Group<br><b>1714</b>            |  |
| <b>U.S. PATENT DOCUMENTS</b>   |                 |            |   |                        |          |                                 |  |
| Examiner<br>Initial*   | DOCUMENT NUMBER | DATE       | NAME  | CLASS                  | SUBCLASS | FILING DATE<br>IF APPROPRIATE   |  |
|  | 6,252,025       | 06-26-2001 | Wang et al  |                        |          |                                 |  |
|  | 5,266,106       | 11-30-1993 | Winnik et al.   |                        |          |                                 |  |
|  | 5,098,475       | 03-24-1992 | Winnik et al.   |                        |          |                                 |  |
| <b>FOREIGN PATENT DOCUMENTS</b>  |                 |            |   |                        |          |                                 |  |
| Examiner<br>Initial*   | DOCUMENT NUMBER | DATE       | COUNTRY   | CLASS                  | SUBCLASS | TRANSLATION<br>YES    NO        |  |
|  | 97/26294        |            | WO  |                        |          | X                               |  |
| <b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |                 |            |   |                        |          |                                 |  |
| Kim Y H: "Highlight Hyperbranched Polymers 10 Years After" Journal of Polymer Science, Polymer Chemistry Edition, John Wiley and Sons, New York, US, Vol. 36, 1998, pp. 1685-1698.   |                 |            |   |                        |          |                                 |  |
| <b>EXAMINER</b>  |                 |            |   | <b>DATE CONSIDERED</b> |          |                                 |  |
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